

LJD 5353.4 DIV (10016354)

- Claim 82: An isolated nucleic acid molecule which encodes a tumor rejection antigen precursor expressed in melanoma cells, encoded by nucleotides 2598-3542 of SEQ ID NO: 9.
- Claim 83: An isolated nucleic acid molecule which encodes a fragment of a tumor rejection antigen precursor expressed in melanoma cells, that is encoded by nucleotides 2598-3542 of SEQ ID NO: 9.
- Claim 84: An isolated nucleic acid molecule which encodes a tumor rejection antigen expressed in melanoma cells, the amino acid sequence of which consists of an amino acid sequence that is a ^{fragment} part of the amino acid sequence encoded by nucleotides 2598-3542 of SEQ ID NO: 9.

REMARKS

The foregoing amendments represent changes suggested by Supervisory Primary Examiner Anthony Caputa and agreed to by the undersigned. Essentially, the changes can be categorized as falling into one of two categories. The first, relating to expression in melanoma cells, characterizes the proteins correctly. Applicants point out, however, that this language is not to be construed as meaning (i) that all melanoma cells express the proteins (because they do not), or (ii) that only melanoma cells express the proteins (because other types of cancer express the molecules as well).

The second category relates to a more complete definition of the hybridization conditions. See page 34, lines 20-21 for support.

A "Showing of Changes" accompanies this amendment as well.

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- (2) INFORMATION FOR SEQUENCE ID NO: 18:
- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 225 base pairs
 - (B) TYPE: nucleic acid
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA
 - (ix) FEATURE:
 - (A) NAME/KEY: MAGE-6 gene
 - (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

TAT	TTC	TTT	CCT	GTG	ATC	TTC	AGC	AAA	ACT	TCC	GAT	TCC	TTG	42
CAG	CTG	GTC	TTT	GGC	ATC	GAG	CTG	ATG	GAA	GTG	GAC	CCC	ATC	84
GGC	CAC	GTG	TAC	ATC	TTT	GCC	ACC	TGC	CTG	GGC	CTC	TCC	TAC	126
GAT	GGC	CTG	CTG	GGT	GAC	AAT	CAG	ATC	ATG	CCC	AGG	ACA	GGC	168
TTC	CTG	ATA	ATC	ATC	CTG	GCC	ATA	ATC	GCA	AGA	GAG	GGC	GAC	210
TGT	GCC	CCT	GAG	GAG										225